

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter
Attorney Docket No.: C004 100104

1/16

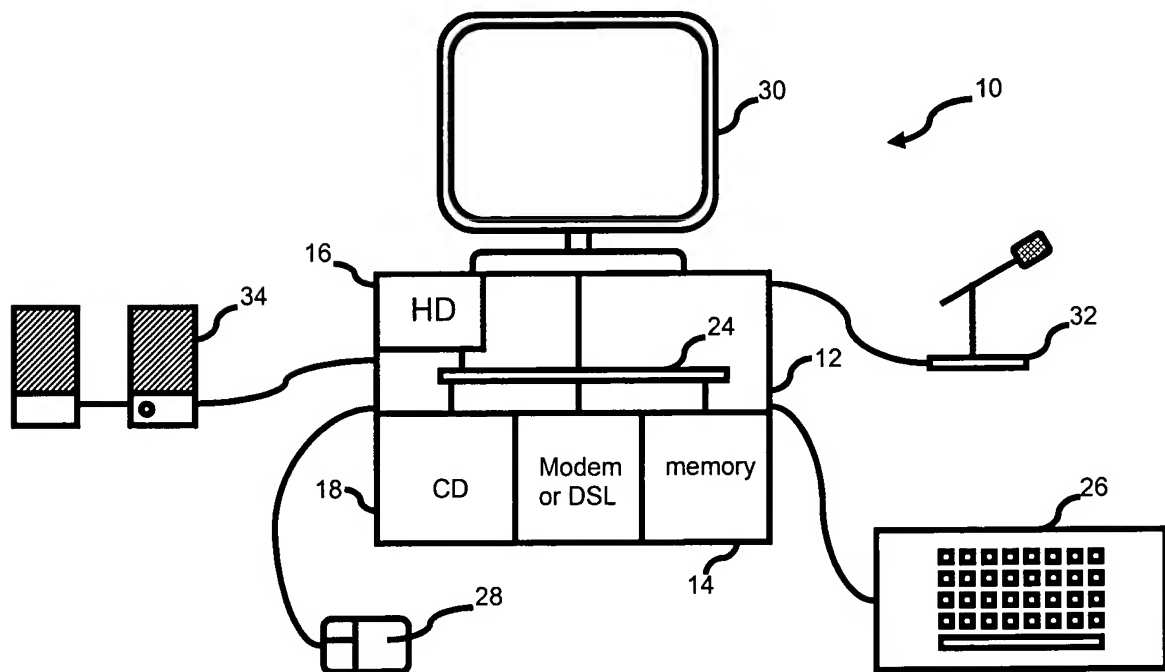


FIG. 1

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter
Attorney Docket No.: C004 100104

2/16

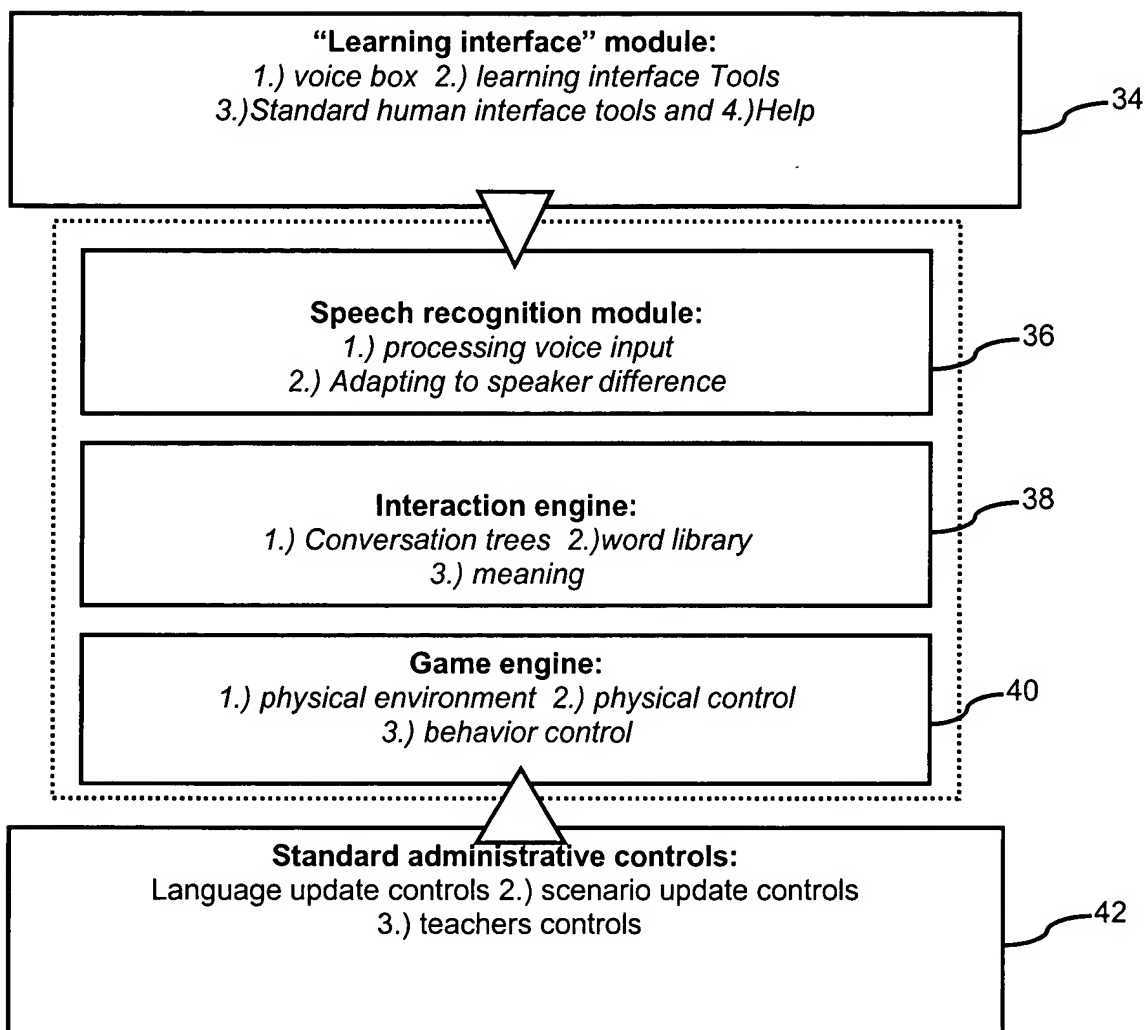


FIG. 2

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter
Attorney Docket No.: C004 100104

3/16

Learner 1
 UserName
 Demographics
 Name
 Age Range
 Sex
 Speech Recognition
 Reference to Voice Model
 Substitution Error List
 Learning
 Language
 Teacher ID
 Last Lesson Number
 Last Area Number
 Last Location
 Setup Preferences
 Lessons
 Lesson 1
 Character 1
 Points
 Duration
 Nodes Skipped
 Character 2, etc.
 Lesson 2, etc.

Learner 2, etc.

FIG. 3

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter
Attorney Docket No.: C004 100104

Language Dialect 1

Name of Dialect
Reference to Vocabulary Word Models
Reference to Language Model
Speech Recognition Substitution Error List
Language dialect-specific graphics (surfaces, dress)

4/16

Environment Areas

Area 1

Coordinates
Start Location
Objects
Object 1
Name
Graphics
Coordinates
Reference to Animation Details
Reference to Voice Recording

Object 2, etc.

Characters

Character 1

Name
Graphics
Coordinates
Script

Node 1

Lesson Points
Character Prompt
Text
Reference to Voice Recording
Expected Learner Response 1
Text
Grammar Statement
Next Node ID

Expected Learner Response 2, etc.

Node 2, etc.

Character 2, etc.

Area 2, etc.

Lessons

Lesson 1

Area I

Character R
Character S, etc.

Area J, etc.

Lesson 2, etc.

Language Dialect 2, etc.

FIG. 4

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter

Attorney Docket No.: C004 100104

5/16

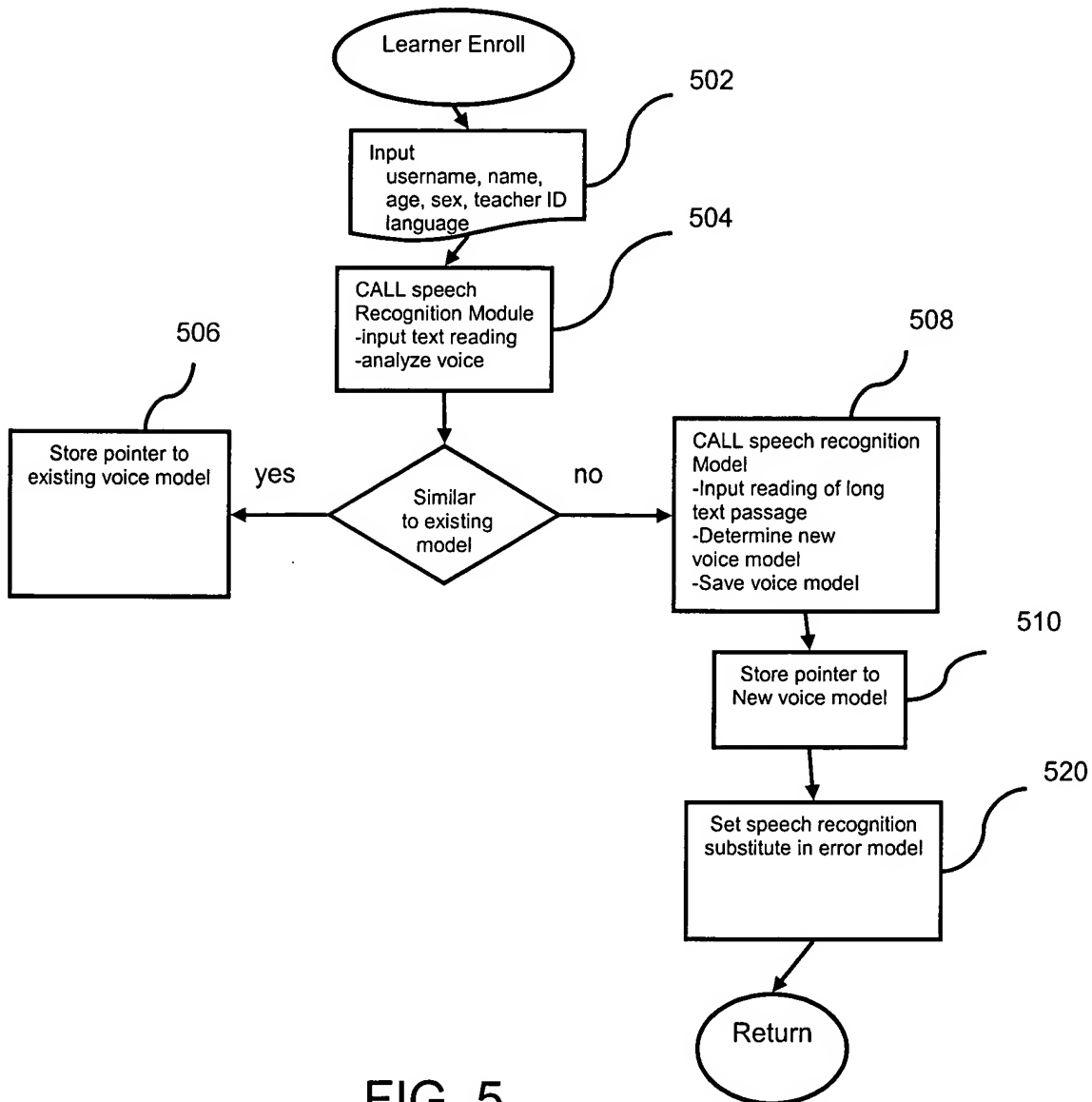


FIG. 5

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter

Attorney Docket No.: C004 100104

6/16

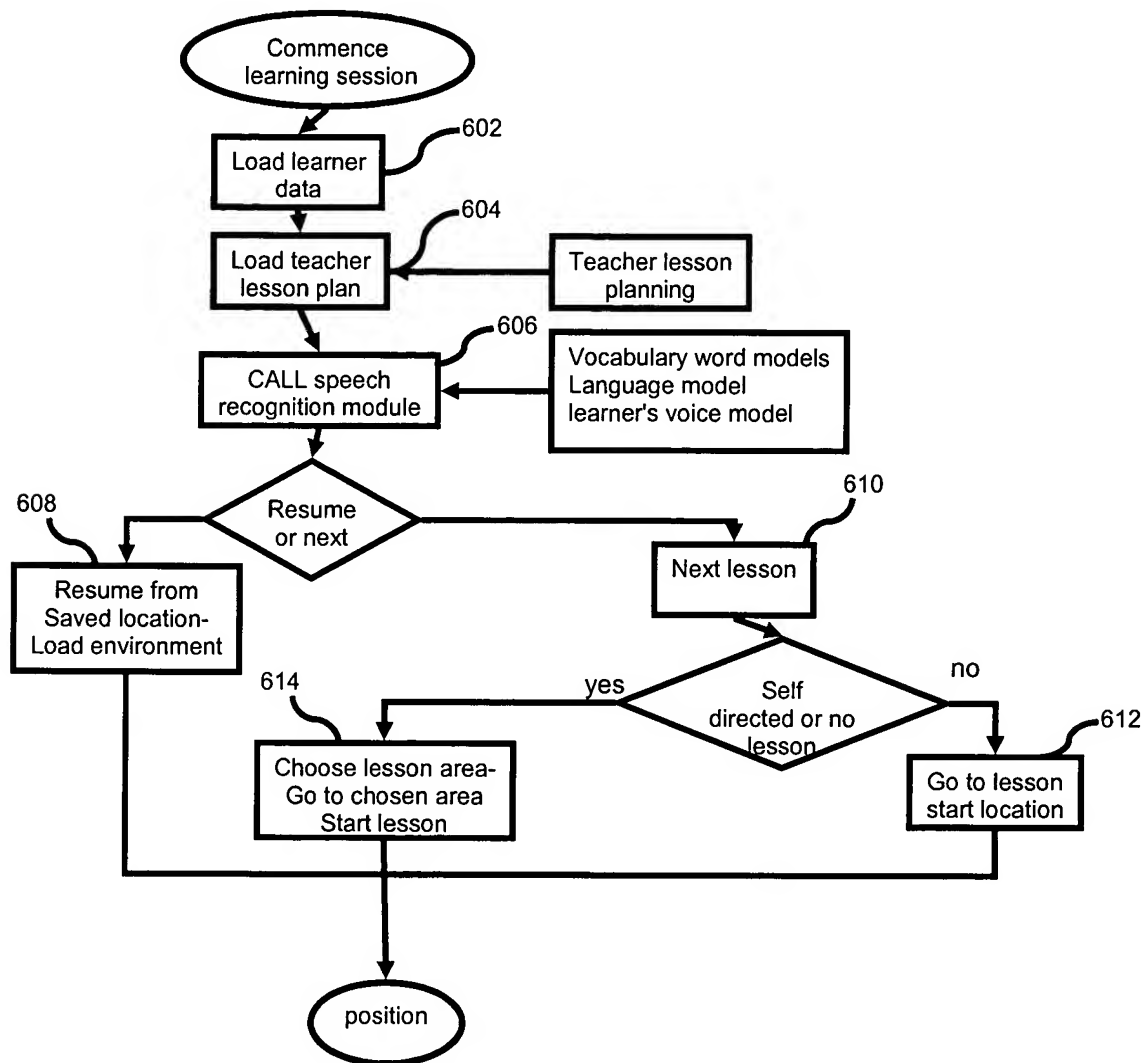


FIG. 6

7/16

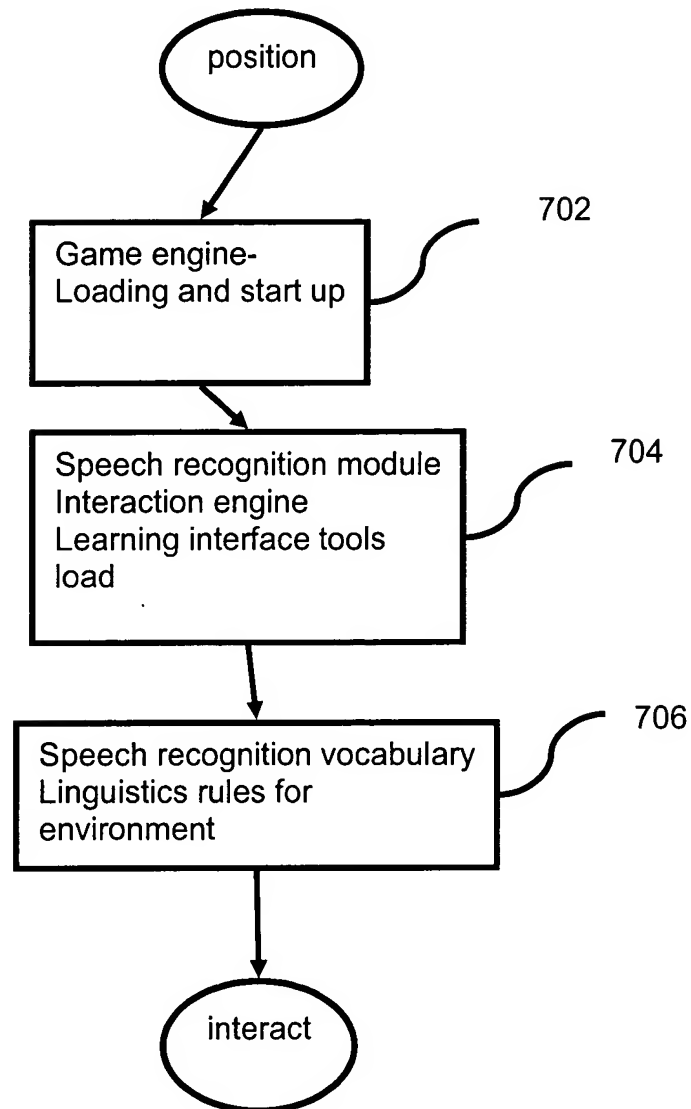


FIG. 7

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter

Attorney Docket No.: C004 100104

8/16

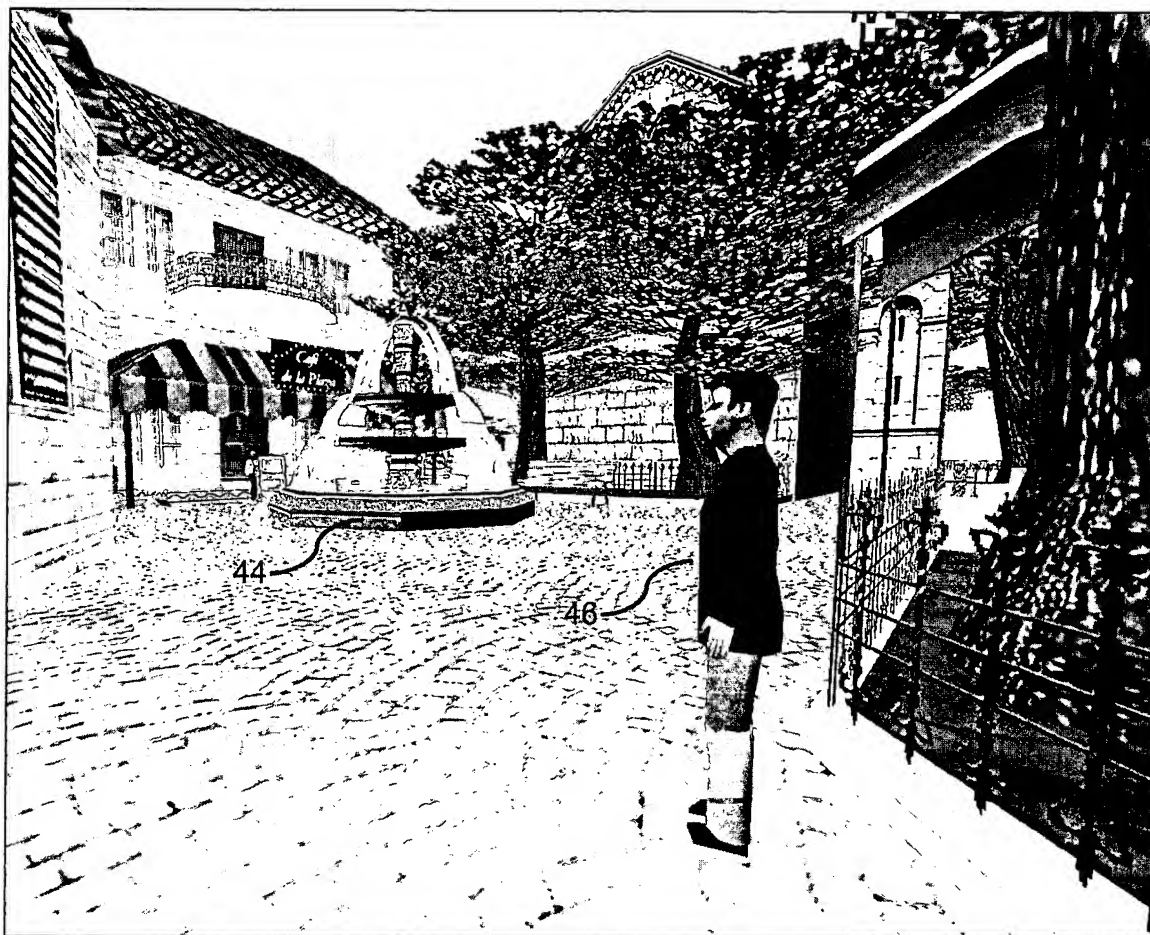


FIG. 8

BEST AVAILABLE COPY

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter
Attorney Docket No.: C004 100104

[illegible]

FIG. 9a

BEST AVAILABLE COPY

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter
Attorney Docket No.: C004 100104

10/16

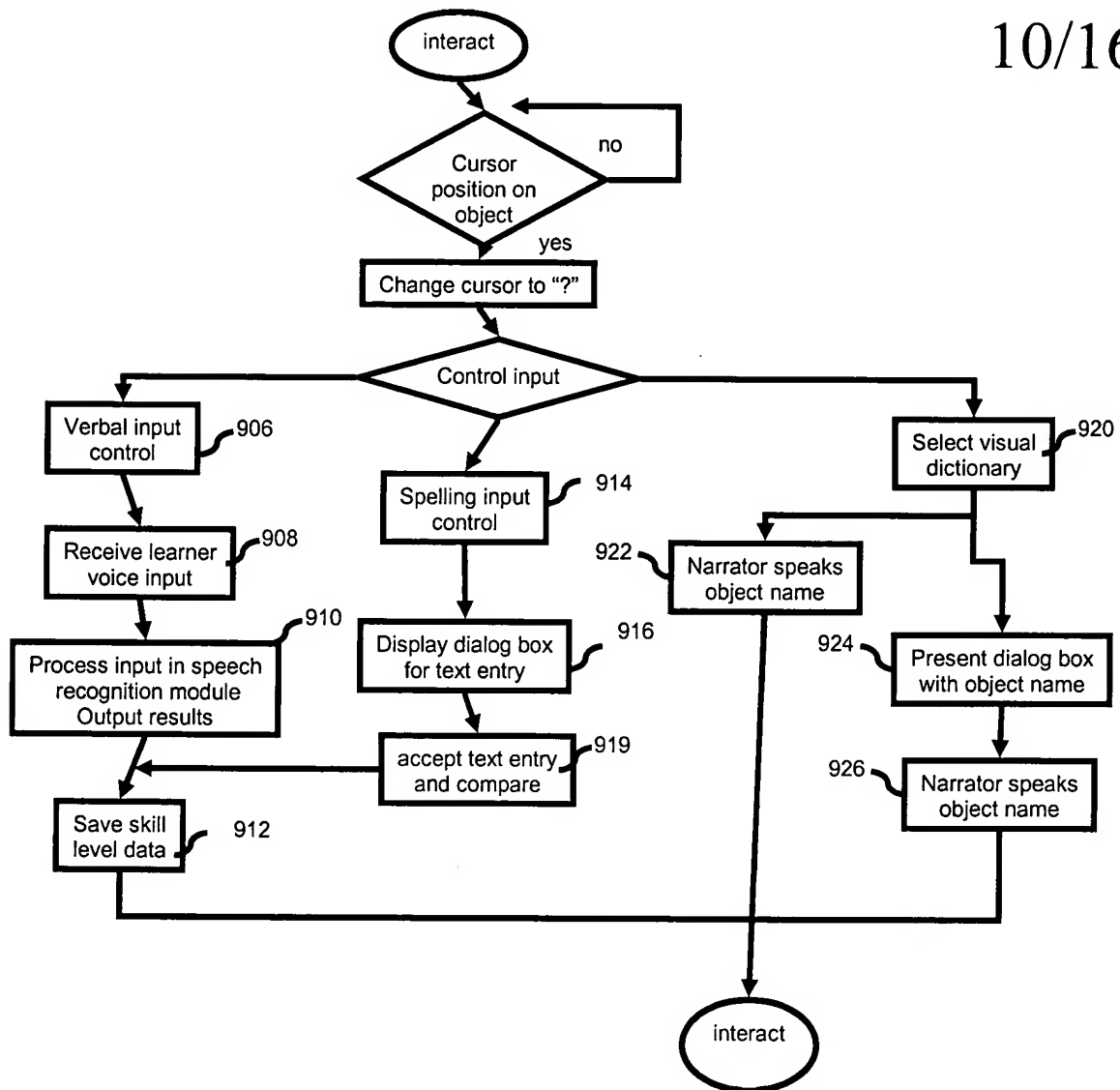


FIG. 9b

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter

Attorney Docket No.: C004 100104

11/16

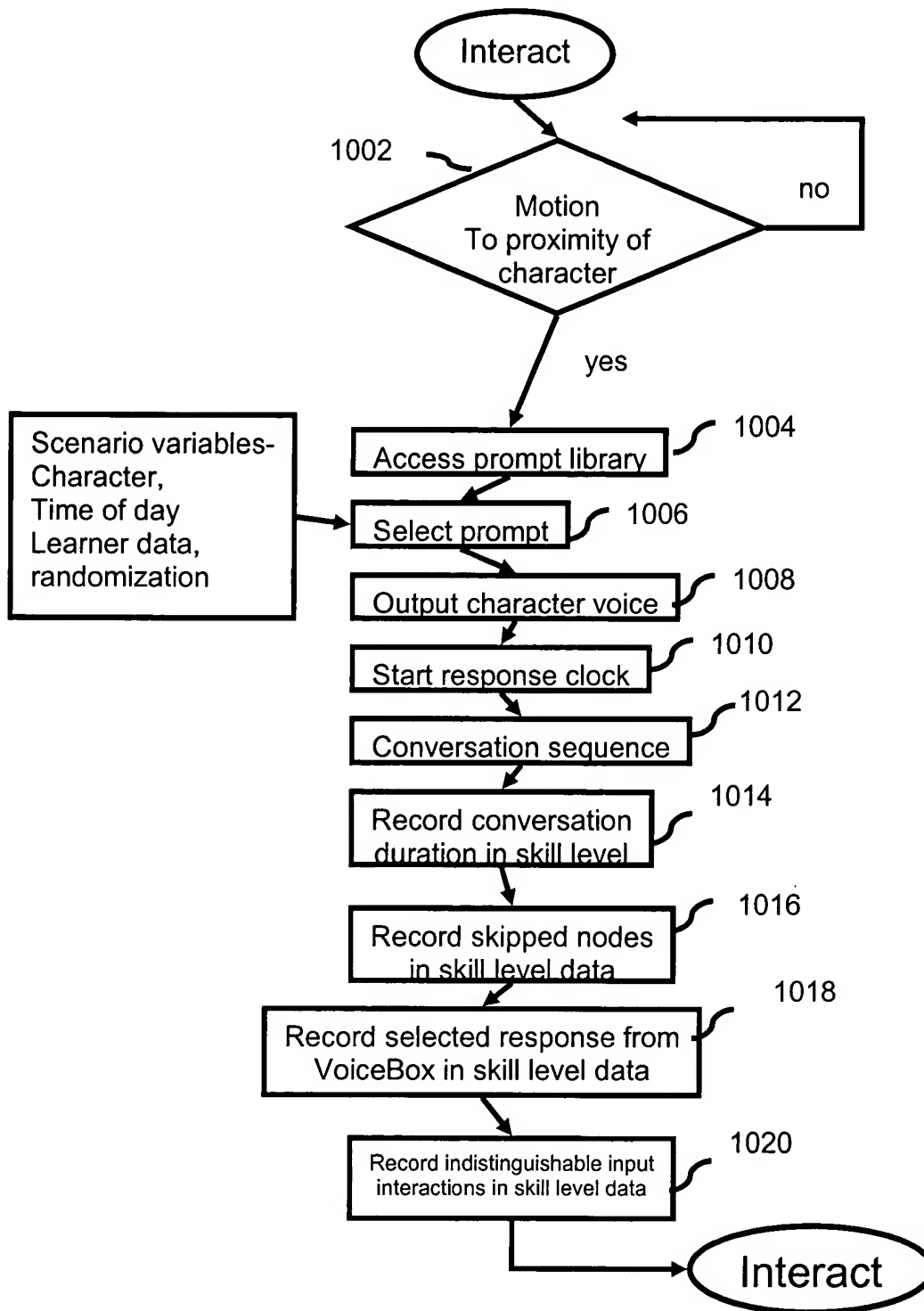


FIG. 10

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter

Attorney Docket No.: C004 100104

12/16

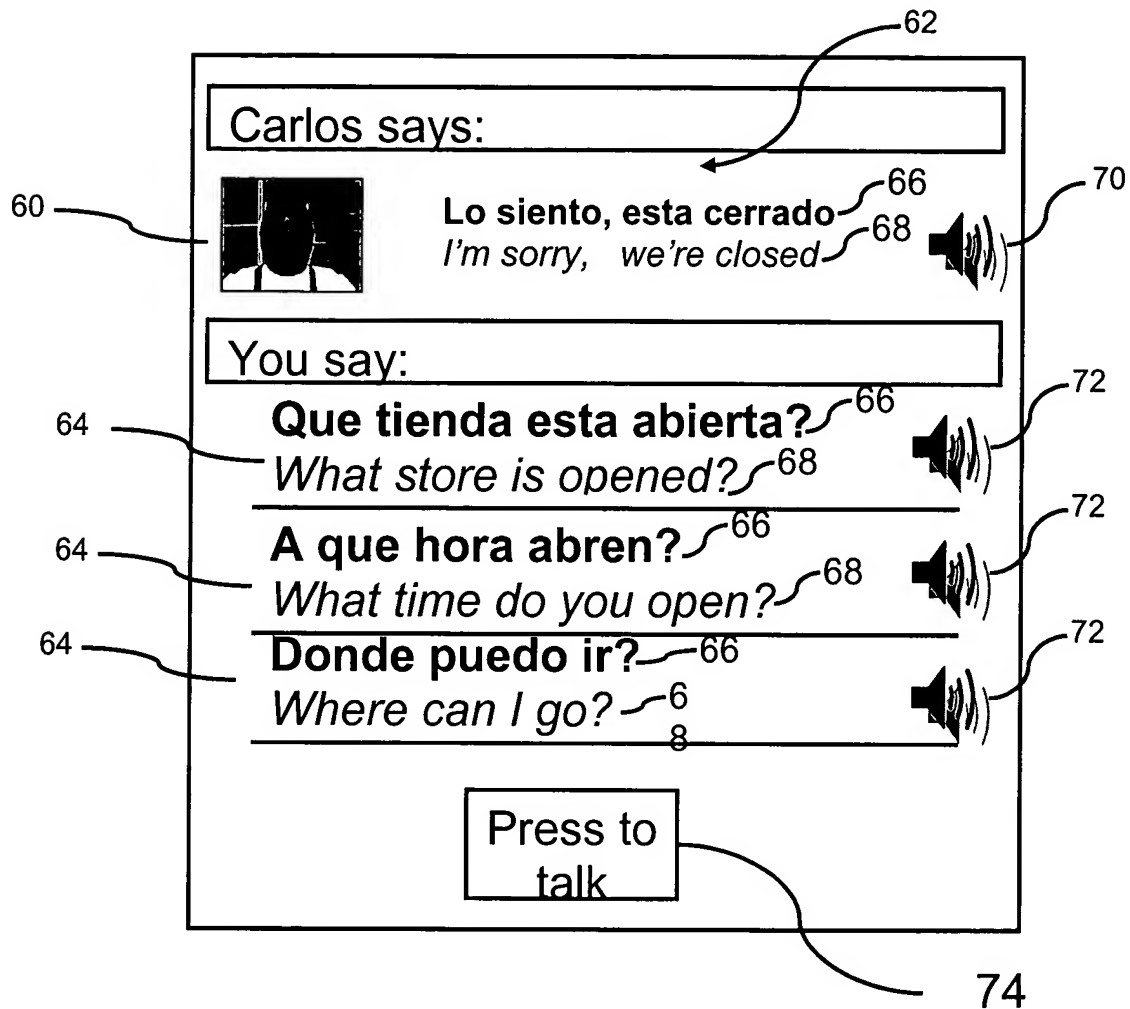


Fig 11

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter

Attorney Docket No.: C004 100104

13/16

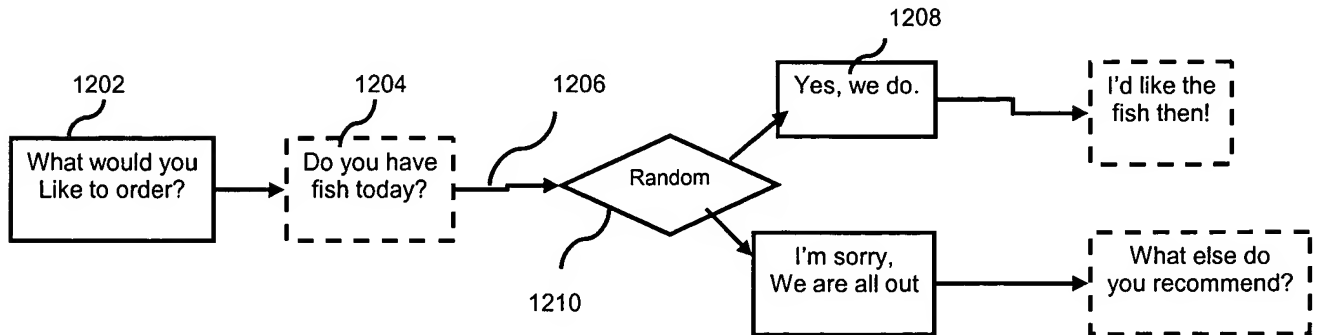


FIG. 12 A

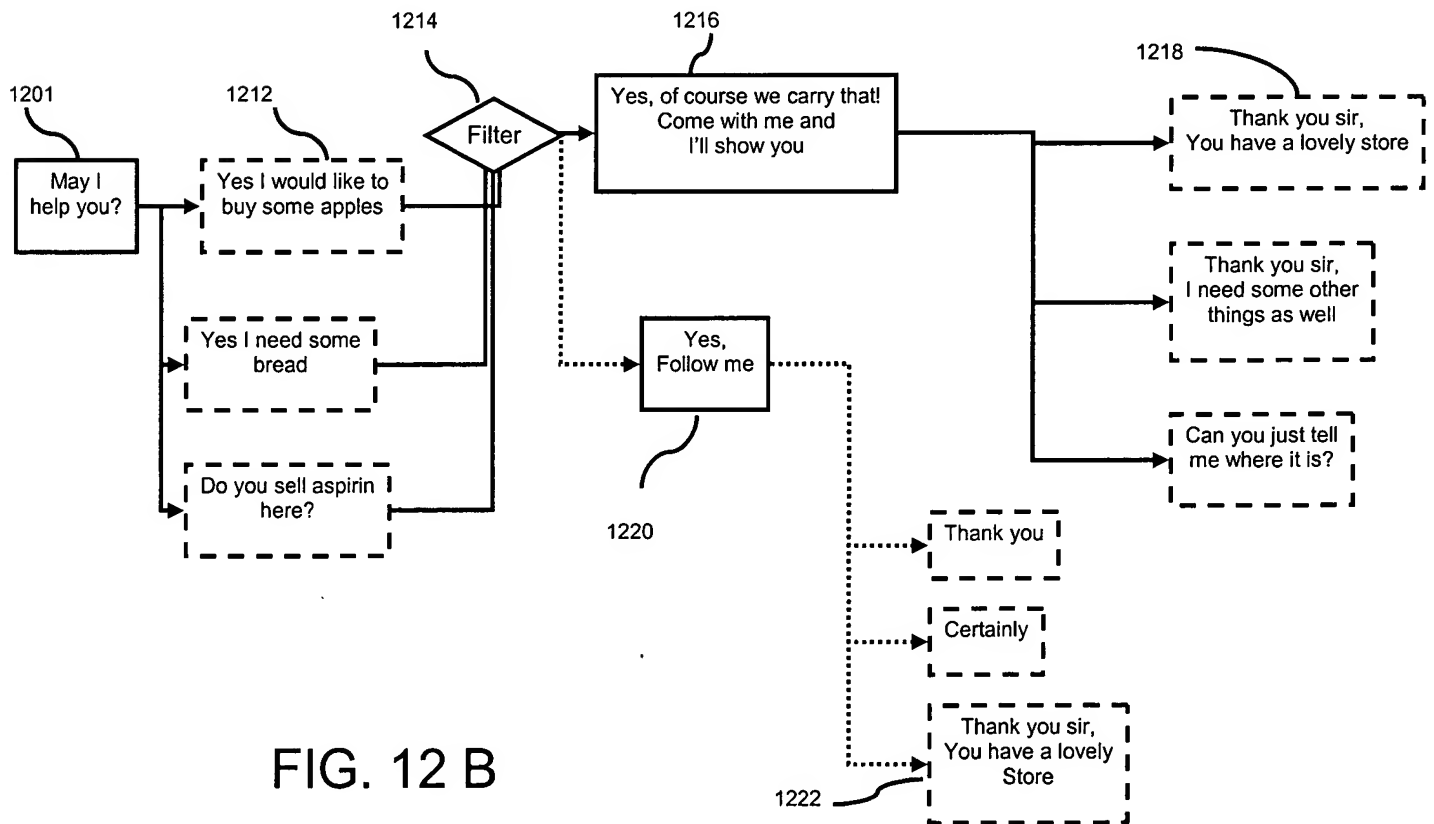


FIG. 12 B

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter

Attorney Docket No.: C004 100104

14/16

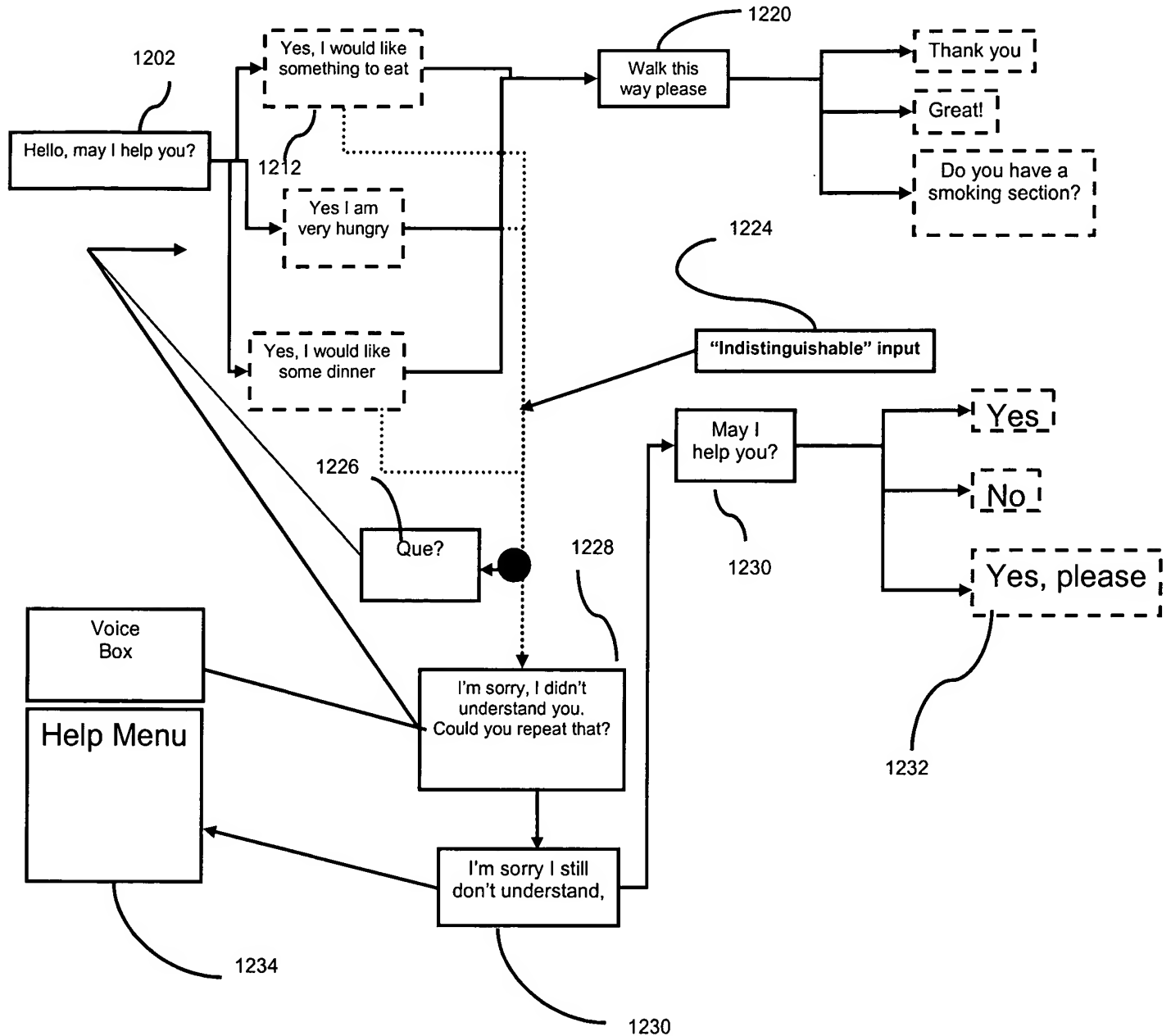


FIG. 12 C

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter

Attorney Docket No.: C004 100104

15/16

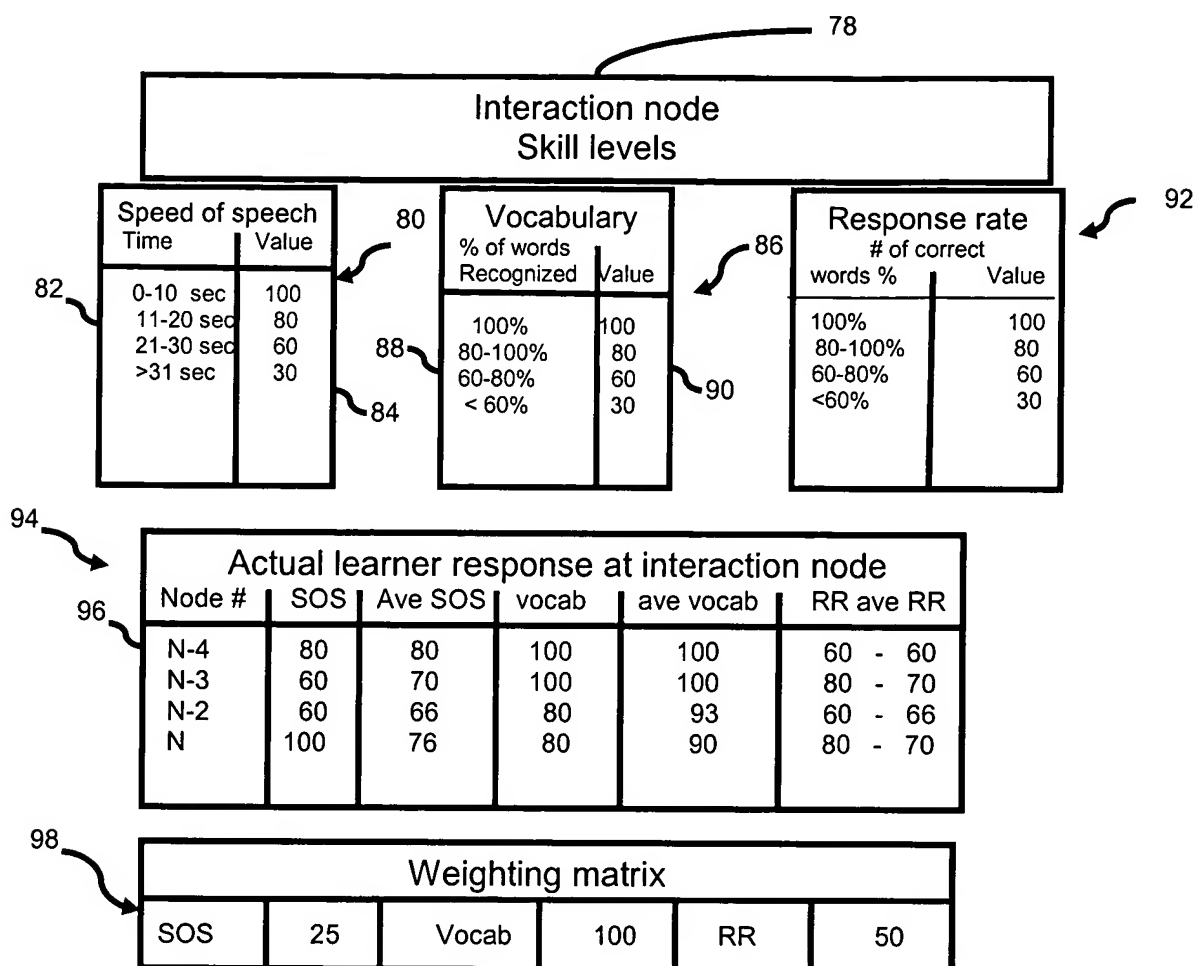


FIG. 13

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter
Attorney Docket No.: C004 100104

16/16

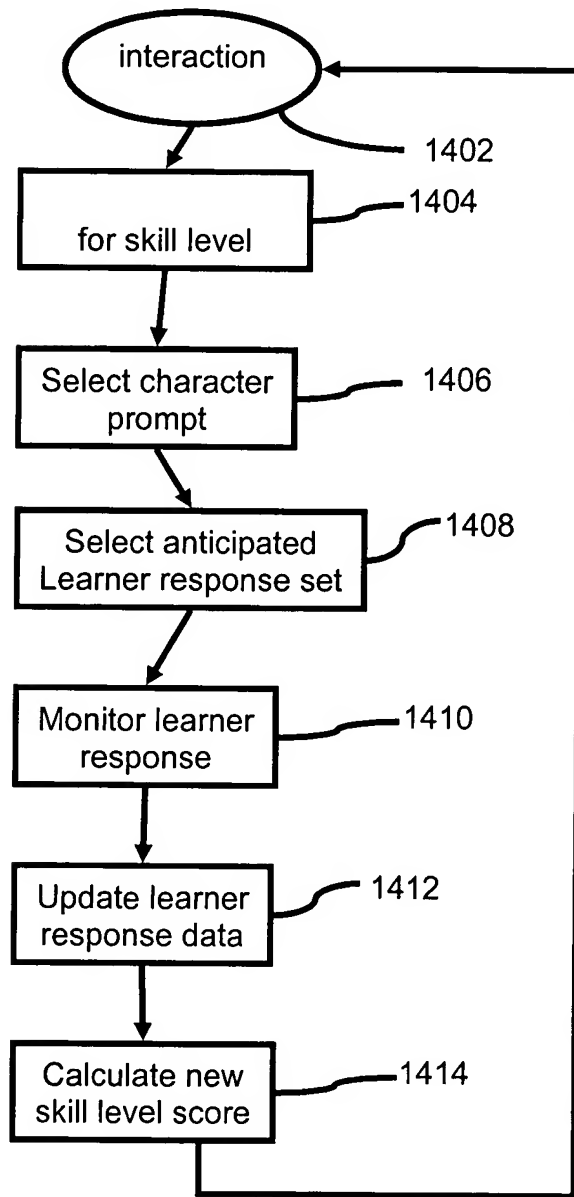


FIG. 14